

Amendments to the Abstract

Please **amend** the Abstract to read.

-- The present invention concerns a time synchronizing device ~~(1)~~ and process, and a local gateway comprising that device. The time synchronizing device synchronizes a router arranged between two communication networks. It comprises intercepting means ~~(13)~~ of a message ~~(MSG)~~ coming from an apparatus of a source network for that message, having a specific time clock, and directed to a target network for that message, preparing means ~~(14)~~ of a time request ~~(RQ)~~ able to be executed in that apparatus so as to cause synchronizing data ~~(SYNC)~~ based on that specific clock to be obtained from that apparatus and to be transmitted back to the synchronizing device, sending means ~~(15)~~ of the time request to the apparatus, forwarding means ~~(16)~~ of the intercepted message to the target network after the preparing means have prepared the time request, receiving means ~~(11)~~ of the synchronizing data, and exploiting means ~~(12)~~ of those data to synchronize a local time clock ~~(CL0)~~ used by the router with respect to that specific time clock .Application to home networks. .--